

LISTING OF THE CLAIMS

A complete listing of the claims is provided below. This listing of claims will replace all prior versions and listings of claims in the application.

Claims 1. – 27. (Cancelled).

28. (New) An apparatus for pumping materials, comprising:

a motor drive assembly having a driven final output element rotating about a longitudinal axis, and a housing with a first mounting face having a circular nose projecting outwardly therefrom in the axial direction;

a pump assembly having an input shaft rotatable about the axis and co-axial with the output element and mateable with the output element;

an adapter body detachably coupled in between the motor drive assembly and the pump assembly, the adapter body having a second mounting face with a circular groove adapted to receive the projecting nose in a complementary fashion, the first mounting face and the second mounting face being detachably mountable flush with each other by a first set of threaded fasteners with the nose received in the groove, so that the nose and the groove provide radial alignment between the first face and the second face, the adapter body further comprising a third mounting face detachably mountable to the pump assembly by a second set of threaded fasteners; and

a base rigidly coupled to the adapter body and to the pump assembly that supports the apparatus by being connected to the pump assembly and the adapter body only, wherein the base is detachable from at least one of the pump assembly and the adapter body to permit the adapter body to be detached from the pump assembly,

wherein the input shaft and the output element are engaged with each other when the drive assembly, pump and adapter body are all connected, and are disengaged from each other when the drive assembly is detached from the adapter body.

29. (New) The apparatus of claim 28, further comprising at least one registration pin that provides radial alignment of the adapter body relative to the pump assembly.

30. (New) The apparatus according to claim 28, wherein the motor drive assembly can be separated from the adapter body, while the adapter body remains detachably mounted to the pump assembly, and with the motor drive assembly removed the base remains attached to the adapter body and the pump assembly.

31. (New) The apparatus according to claim 28, wherein the adapter body has a central bore therethrough, and wherein the input shaft of the pump assembly extends completely through the adapter body without any bearing support from the adapter body.

32. (New) An apparatus for pumping materials, comprising:
a driving means having a driven final output element rotating about a longitudinal axis, and a housing with a first mounting face having a circular nose projecting outwardly therefrom in the axial direction;
a pumping means having an input shaft rotatable about the axis and co-axial with the output element and mateable with the output element;
connecting and aligning means detachably coupled in between the driving means and the pumping means, the connecting and aligning means having a second mounting face with a circular groove adapted to receive the projecting nose in a complementary fashion, the first mounting face and the second mounting face being detachably mountable flush with each other by a first set of threaded fasteners with the nose received in the groove, so that the nose and the groove provide radial alignment between the first face and the second face, the connecting and

aligning means further comprising a third mounting face detachably mountable to the pumping means by a second set of threaded fasteners; and

supporting means rigidly coupled to the connecting and aligning means and to the pumping means that supports the apparatus by being connected to the pumping means and the connecting and aligning means only, wherein the face is detachable from at least one of the pumping means and the connecting and aligning means to permit the connecting and aligning means to be detached from the pumping means,

wherein the input shaft and the output element are engaged with each other when the driving means, pumping means and connecting and aligning means are all connected, and are disengaged from each other when the driving means is detached from the connecting and aligning means.

33. (New) The apparatus of claim 32, further comprising at least one registration pin that provides radial alignment of the connecting and aligning means relative to the pumping means.

34. (New) The apparatus according to claim 32, wherein the driving means can be separated from the connecting and aligning means, while the connecting and aligning means remains detachably mounted to the pumping means, and with the driving means removed the base remains attached to the connecting and aligning means and the pumping means.

35. (New) The apparatus according to claim 32, wherein the connecting and aligning means has a central bore therethrough, and wherein the input shaft of the pumping means extends completely through the connecting and aligning means without any bearing support from the connecting and aligning means.